



\*\*FILE\*\*ID\*\*DSTDEF

C 13

F1

{+  
{-  
{-  
{-  
MO

ag

DDDDDDDD	SSSSSSSS	TTTTTTTT	DDDDDDDD	EEEEEEEEE	FFFFFFFFF
DDDDDDDD	SSSSSSSS	TTTTTTTT	DDDDDDDD	EEEEEEEEE	FFFFFFFFF
DD	DD SS	TT	DD	EE	FF
DD	DD SS	TT	DD	EE	FF
DD	DD SS	TT	DD	EE	FF
DD	DD SS	TT	DD	EE	FF
DD	DD SSSSSS	TT	DD	EEEEEEE	FFFFFFF
DD	DD SSSSSS	TT	DD	EEEEEEE	FFFFFFF
DD	DD SS	TT	DD	EE	FF
DD	DD SS	TT	DD	EE	FF
DD	DD SS	TT	DD	EE	FF
DD	DD SS	TT	DD	EE	FF
DD	DD SS	TT	DD	EE	FF
DDDDDDDD	SSSSSSSS	TT	DDDDDDDD	EEEEEEEEE	FF
DDDDDDDD	SSSSSSSS	TT	DDDDDDDD	EEEEEEEEE	FF

....  
....  
....

SSSSSSSS	DDDDDDDD	LL
SSSSSSSS	DDDDDDDD	LL
SS	DD	DD LL
SS	DD	DD LL
SS	DD	DD LL
SS	DD	DD LL
SS	DD	DD LL
SS	DD	DD LL
SS	DD	DD LL
SS	DD	DD LL
SS	DD	DD LL
SSSSSSSS	DDDDDDDD	LLLLLLLL
SSSSSSSS	DDDDDDDD	LLLLLLLL

{++

DSTDEF.MDL

Definition of dst type DSTSK\_DTYPE\_CAD command mnemonics  
Version 'V03-000'

\*\*\*\*\*  
\* COPYRIGHT (c) 1978, 1980, 1982, 1984 BY \*  
\* DIGITAL EQUIPMENT CORPORATION, MAYNARD, MASSACHUSETTS. \*  
\* ALL RIGHTS RESERVED. \*  
\*  
\* THIS SOFTWARE IS FURNISHED UNDER A LICENSE AND MAY BE USED AND COPIED \*  
\* ONLY IN ACCORDANCE WITH THE TERMS OF SUCH LICENSE AND WITH THE \*  
\* INCLUSION OF THE ABOVE COPYRIGHT NOTICE. THIS SOFTWARE OR ANY OTHER \*  
\* COPIES THEREOF MAY NOT BE PROVIDED OR OTHERWISE MADE AVAILABLE TO ANY \*  
\* OTHER PERSON. NO TITLE TO AND OWNERSHIP OF THE SOFTWARE IS HEREBY \*  
\* TRANSFERRED. \*  
\*  
\* THE INFORMATION IN THIS SOFTWARE IS SUBJECT TO CHANGE WITHOUT NOTICE \*  
\* AND SHOULD NOT BE CONSTRUED AS A COMMITMENT BY DIGITAL EQUIPMENT \*  
\* CORPORATION. \*  
\*  
\* DIGITAL ASSUMES NO RESPONSIBILITY FOR THE USE OR RELIABILITY OF ITS \*  
\* SOFTWARE ON EQUIPMENT WHICH IS NOT SUPPLIED BY DIGITAL. \*  
\*  
\*\*\*\*\*

{ FACILITY:

{ ABSTRACT:

For more information on the use of the items defined in this  
document refer to specifications of debug symbol table entries  
generated by the language processors and the SRM for a description  
of the VAX standard descriptors.

{ ENVIRONMENT:

{ Author:

Terrell Mitchell October 4, 1979

{ Version: V04-000

{ MODIFIED BY:

{--  
{ 1-001 - Original. TM 4-Oct-1979

{

{ Following is the SDL definition of the mnemonics for the  
address calculation commands found in DSC\$K\_DTYPE\_CAD  
dst records. They are processed by DEBUG32.

{ The commands operate on a longword stack maintained by the debugger.  
This type of dst record is specified for items which need address  
calculation at runtime. It was originally designed for handling  
register based record items.

module \$DSTDEF;

constant LOCOMMAND	equals 0 prefix DST tag SK;	/* Use a K to indicate constant
constant STA_R00	equals 0 prefix DST tag SK;	/* Low value for range checking
constant STA_R01	equals 1 prefix DST tag SK;	/* Stack contents of R0
constant STA_R02	equals 2 prefix DST tag SK;	/* Stack contents of R1
constant STA_R03	equals 3 prefix DST tag SK;	/* Stack contents of R2
constant STA_R04	equals 4 prefix DST tag SK;	/* Stack contents of R3
constant STA_R05	equals 5 prefix DST tag SK;	/* Stack contents of R4
constant STA_R06	equals 6 prefix DST tag SK;	/* Stack contents of R5
constant STA_R07	equals 7 prefix DST tag SK;	/* Stack contents of R6
constant STA_R08	equals 8 prefix DST tag SK;	/* Stack contents of R7
constant STA_R09	equals 9 prefix DST tag SK;	/* Stack contents of R8
constant STA_R10	equals 10 prefix DST tag SK;	/* Stack contents of R9
constant STA_R11	equals 11 prefix DST tag SK;	/* Stack contents of R10
constant STA_R12	equals 12 prefix DST tag SK;	/* Stack contents of R11
constant STA_R13	equals 13 prefix DST tag SK;	/* Stack contents of R12 (AP)
constant STA_R14	equals 14 prefix DST tag SK;	/* Stack contents of R13 (FP)
constant STA_R15	equals 15 prefix DST tag SK;	/* Stack contents of R14 (SP)
constant STA_IMM_B	equals 16 prefix DST tag SK;	/* Stack contents of R15 (PC)
constant STA_IMM_W	equals 17 prefix DST tag SK;	/* Stack contents of byte operand
constant STA_IMM_L	equals 18 prefix DST tag SK;	/* sign extending to longword
constant OPR_ADD	equals 19 prefix DST tag SK;	/* Stack contents of word operand
constant STA_REP_B	equals 20 prefix DST tag SK;	/* sign extending to longword
constant STA_REP_W	equals 21 prefix DST tag SK;	/* Stack contents of longword operand
constant STA_REP_L	equals 22 prefix DST tag SK;	/* Pop two operands, add
constant OPR_STOP	equals 23 prefix DST tag SK;	/* stack longword result
constant HICOMMAND	equals 23 prefix DST tag SK;	/* Pop top item and stack sign extended
		/* byte at that address
		/* Pop top item and stack sign extended
		/* word at that address
		/* Pop top item and stack longword at
		/* that address
		/* Terminate command string. Longword
		/* at top of stack contains address
		/* of data item.
		/* Hi value for range checking

end\_module \$DSTDEF;

0432 AH-BT13A-SE  
VAX/VMS V4.0

DIGITAL EQUIPMENT CORPORATION  
CONFIDENTIAL AND PROPRIETARY

